

# FIGURE 1

Binding of  $^{153}\text{Gd-DO3A-APA-(}\alpha\text{)-folate}$ ,  $^{153}\text{Gd-DO3A-APA-(}\gamma\text{)- folate}$   
or  $^3\text{H folate}$  to KB cells at  $37^\circ\text{C}$

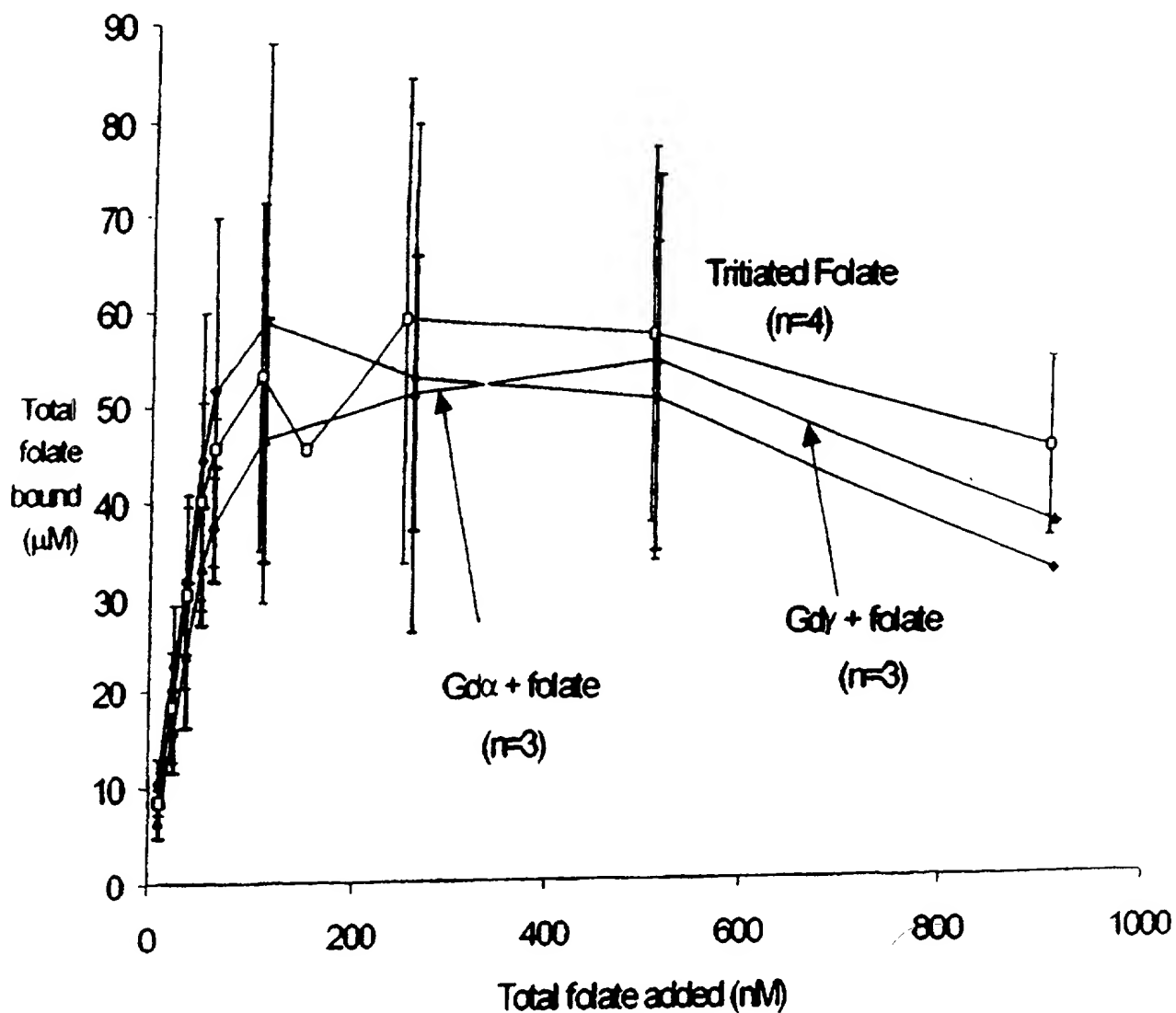
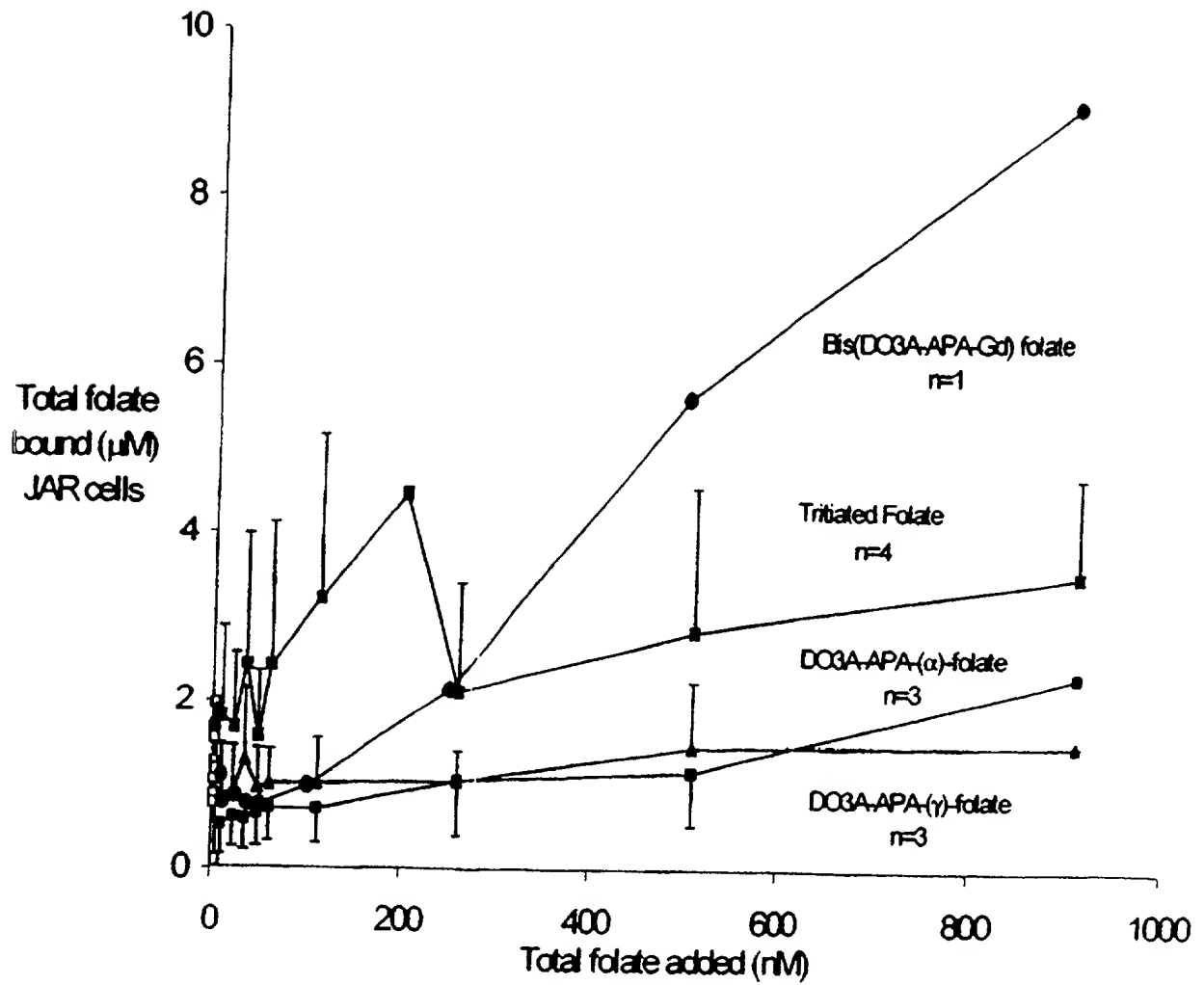


FIGURE 1A

Binding of  $^{153}\text{Gd}$ -folates or  $^3\text{H}$  folate to JAR cells at  $37^\circ\text{C}$   
(10 pmol of radiolabeled compound plus 0 to 900 pmol of cold folate)



**Figure 2**

**Binding of  $^3\text{H}$ -folate and alpha or gamma isomer of  $^{147}\text{Gd}$ -DO3A-APA-folate to KB cells at 4°C in the presence and absence of excess folate.**

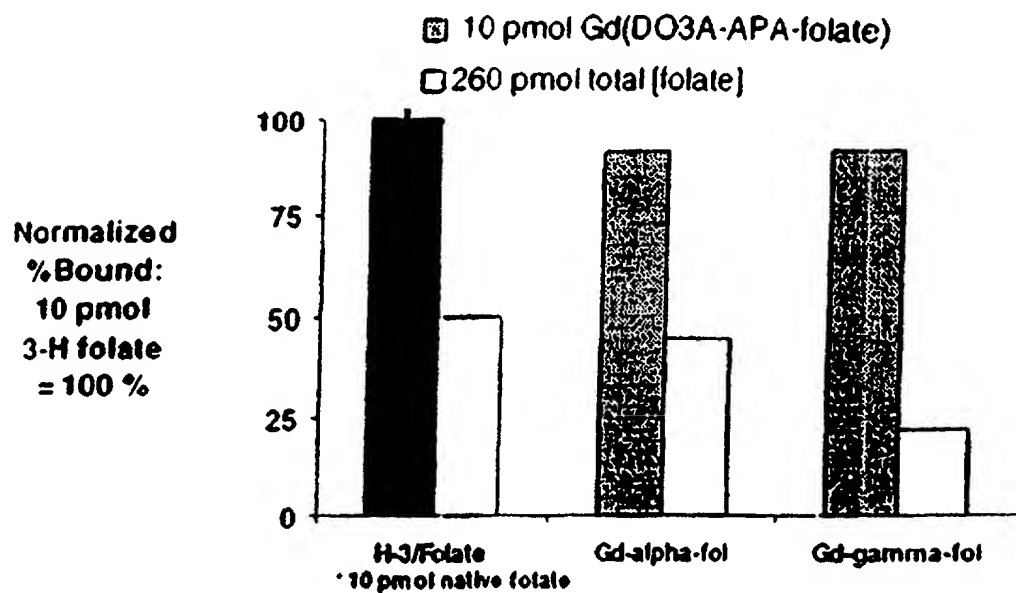


FIGURE 3

Washout of  $^{153}\text{Gd}(\text{DO3A-APA})$ -( $\alpha$ - or  $\gamma$ -)folate or  $^3\text{H}$ -folate from JAR cells

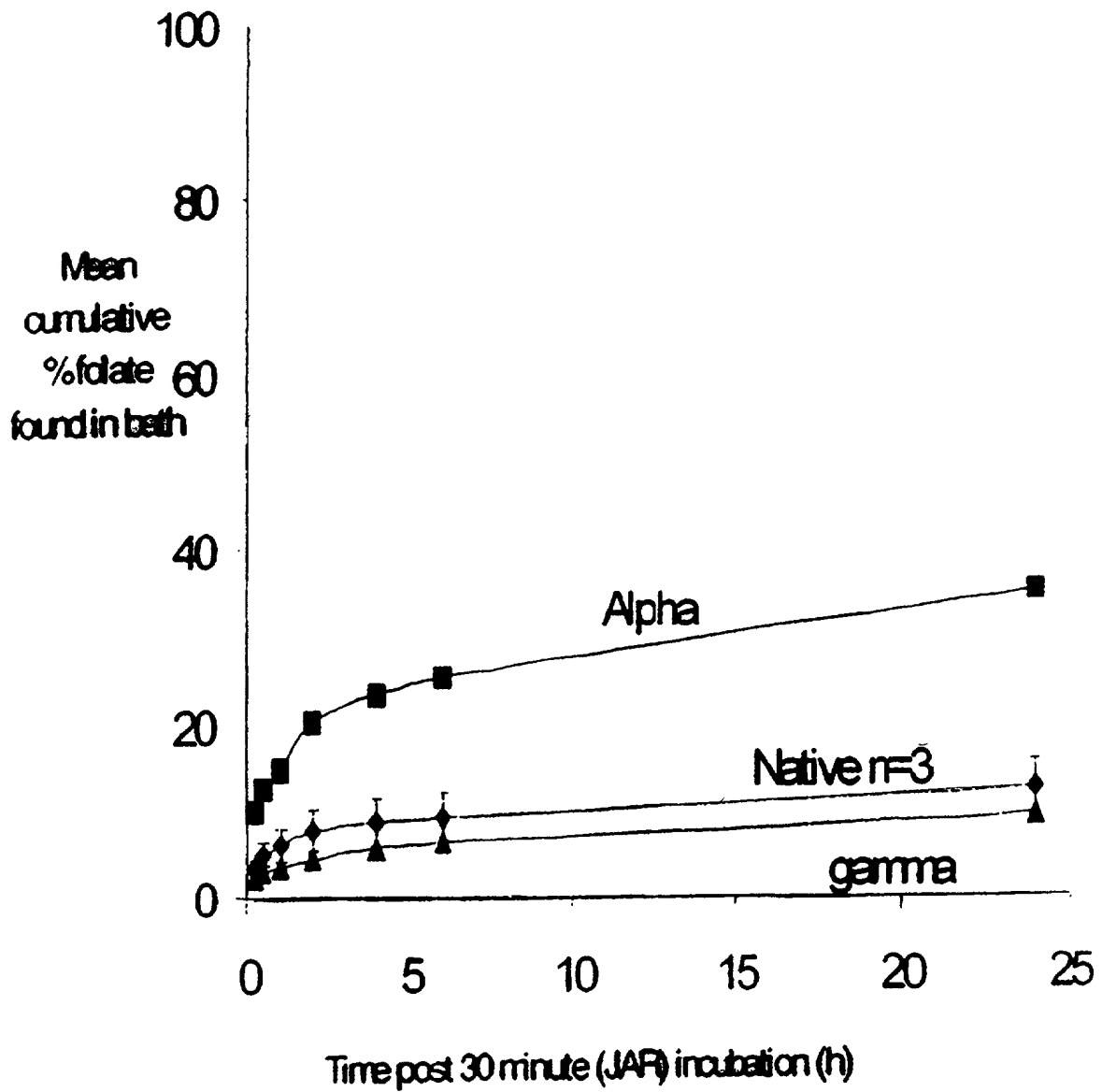


FIGURE 3A

Washout of  $^{153}\text{Gd}(\text{DO3A-APA})$ -( $\alpha$ - or  $\gamma$ -)folate or  $^3\text{H}$ -folate from KB cells

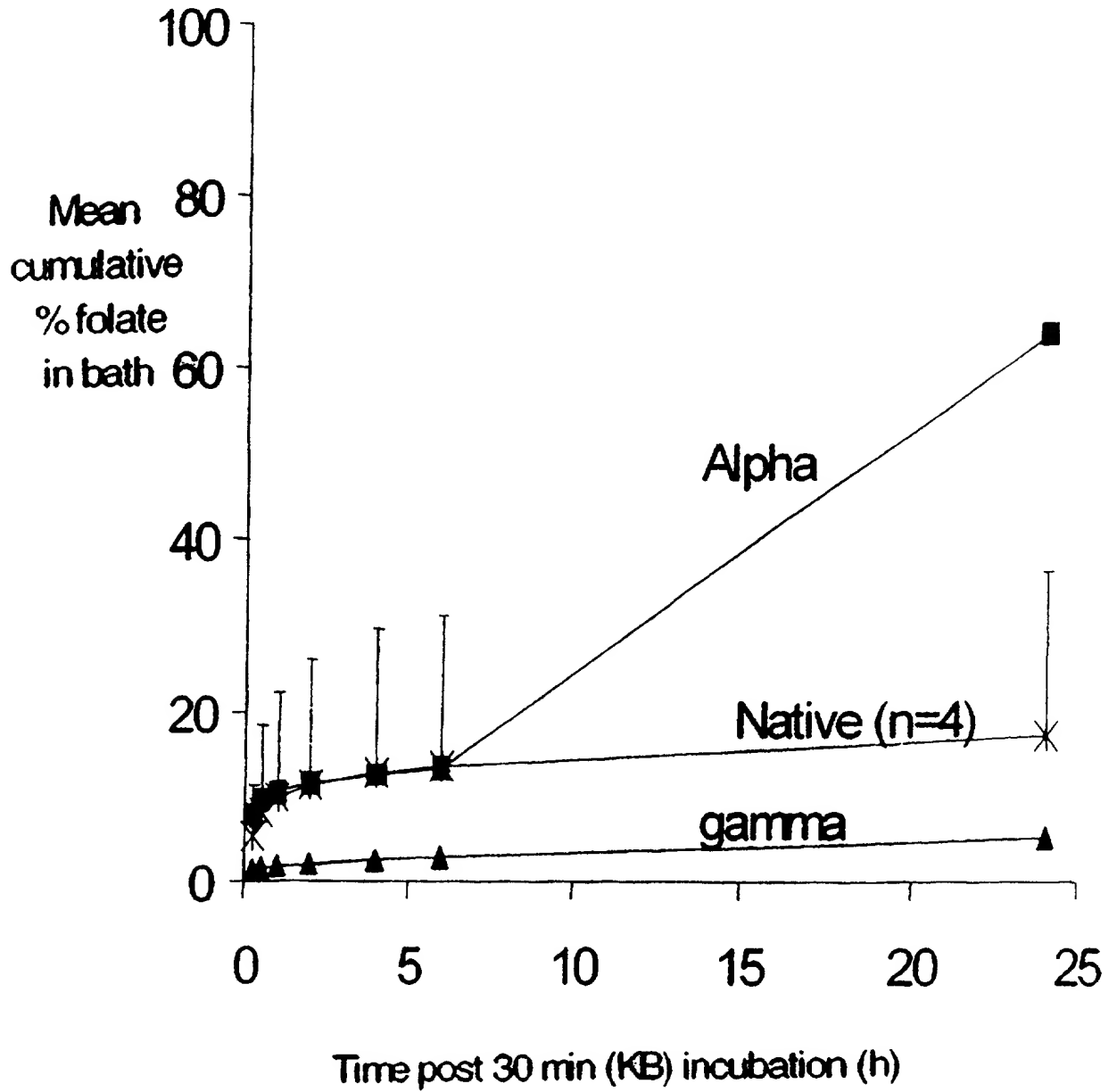


Figure 4

Binding of  $^3\text{H}$ -folate and alpha or gamma isomer of  $^{99\text{m}}\text{Tc}$ -Oxa-folate to KB cells at  $4^\circ\text{C}$  in the presence and absence of excess folate.

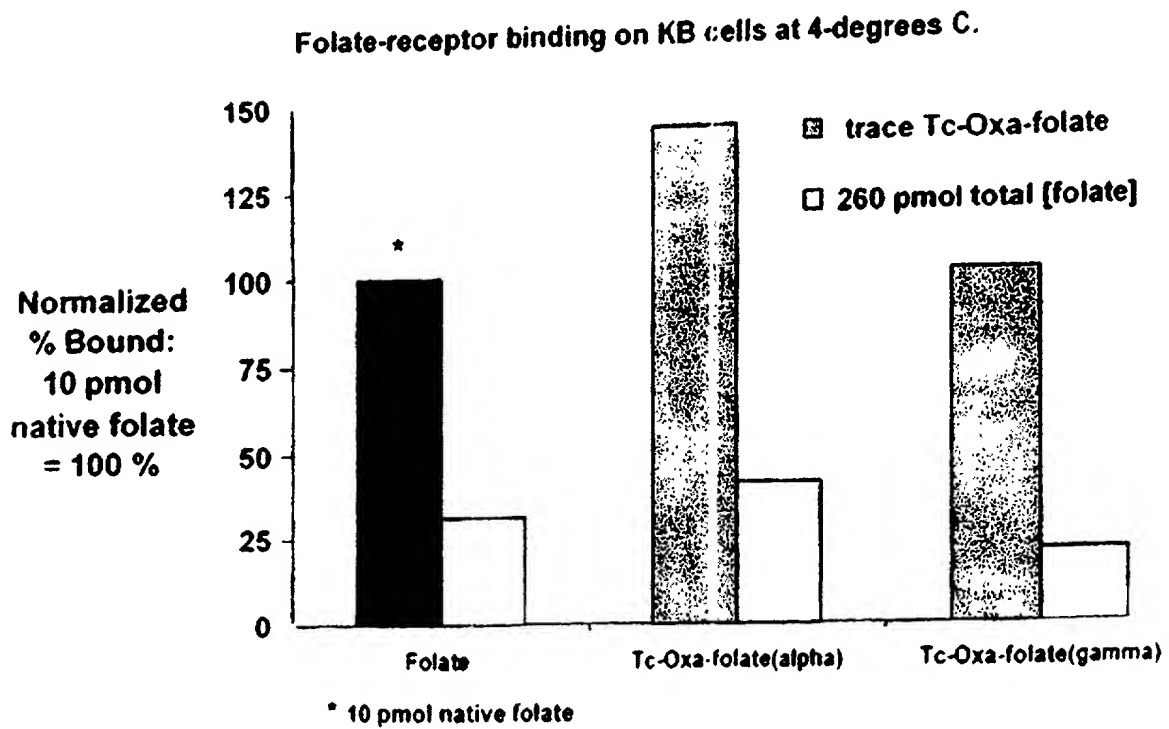


FIGURE 4A

Exchange (with 250 nm cold folate in the medium)  
of folates from KB cells

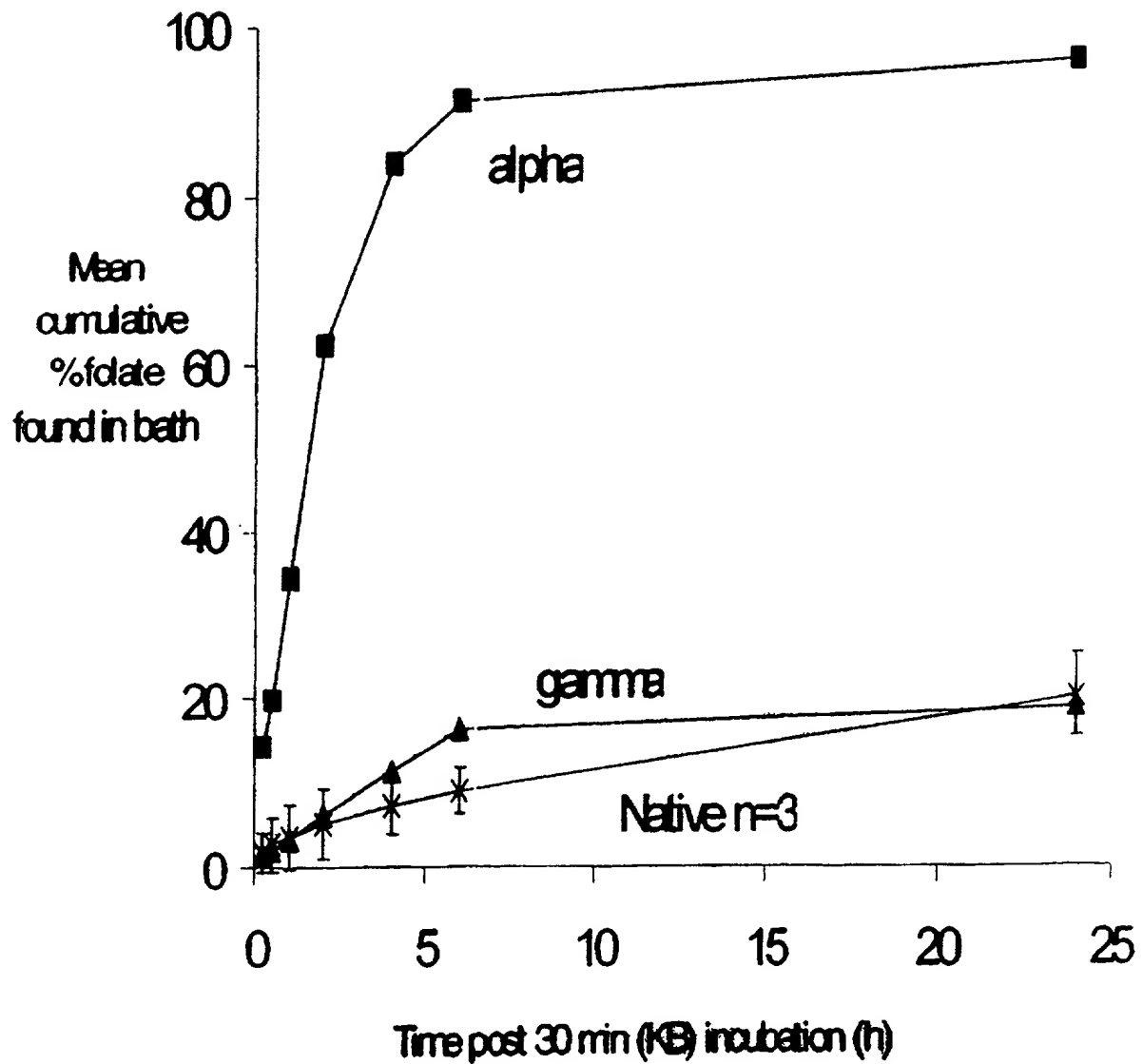


FIGURE 4B

Exchange (with 250 nm cold folate in the medium)  
of folates from JAR cells

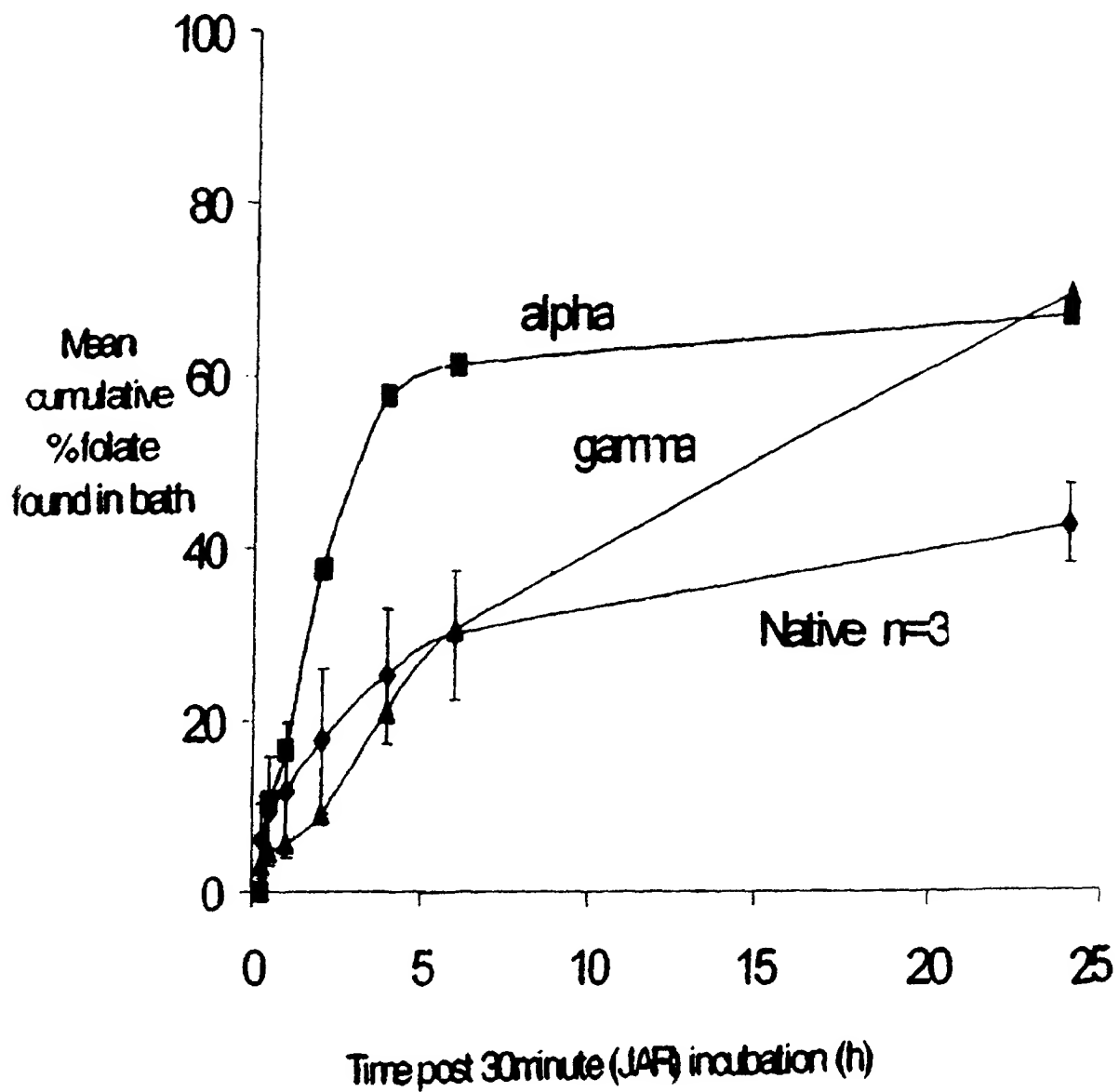
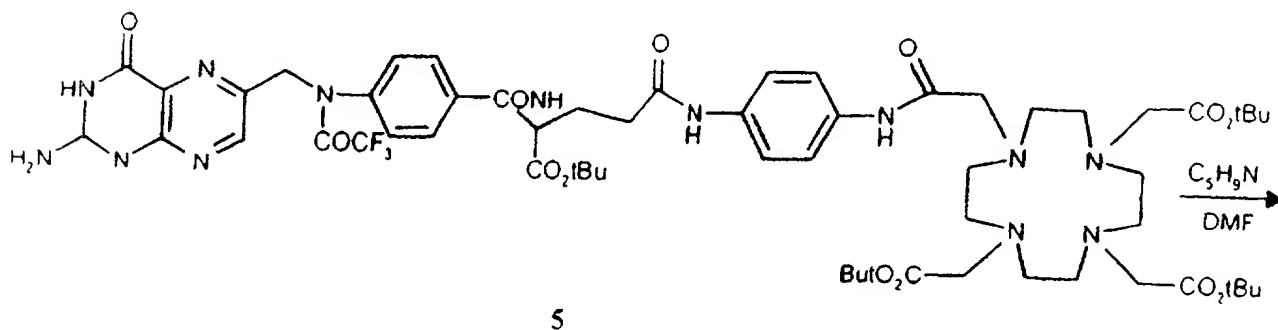
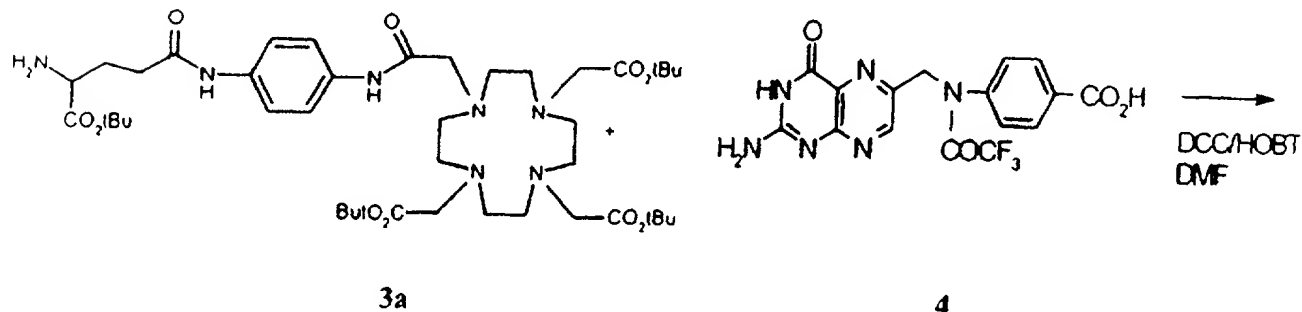
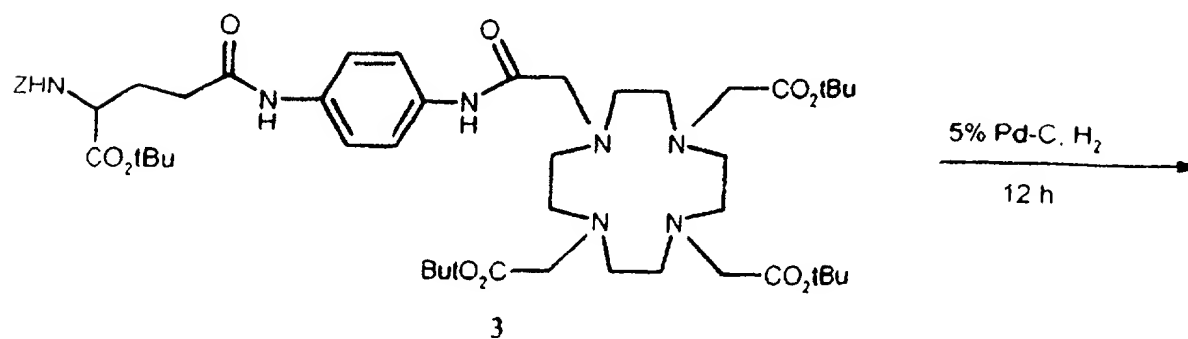
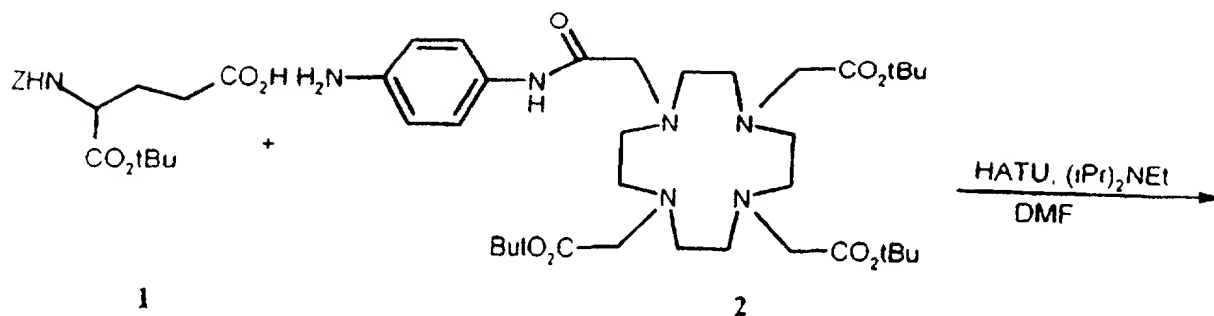
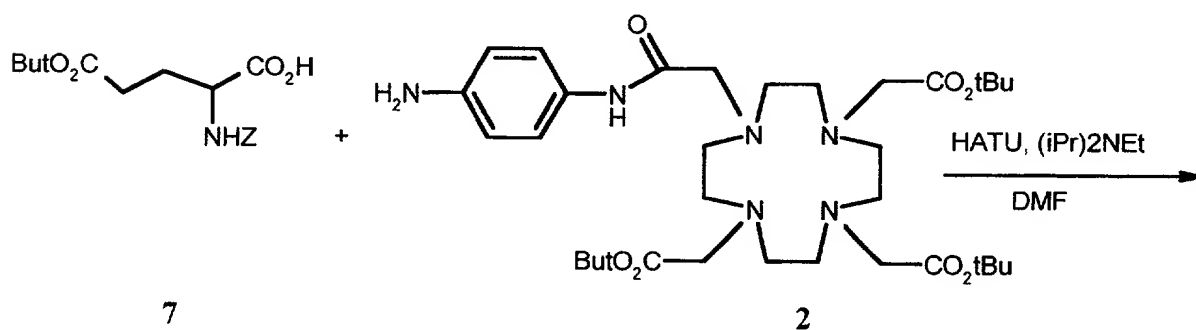
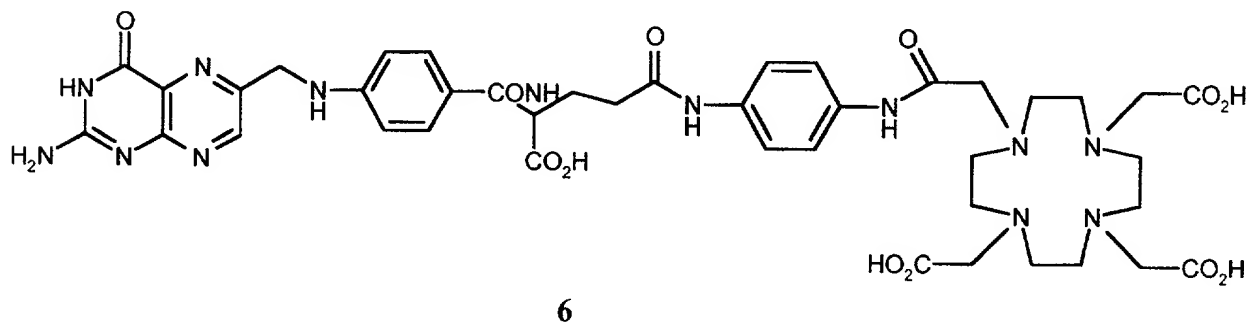
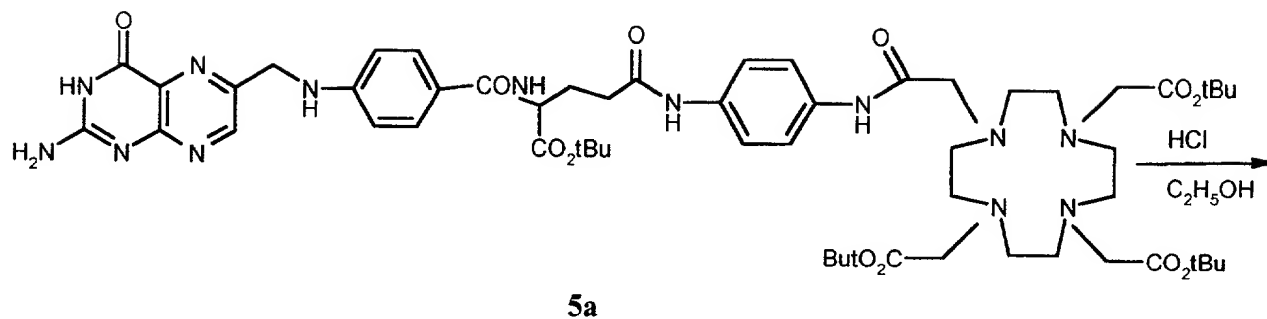




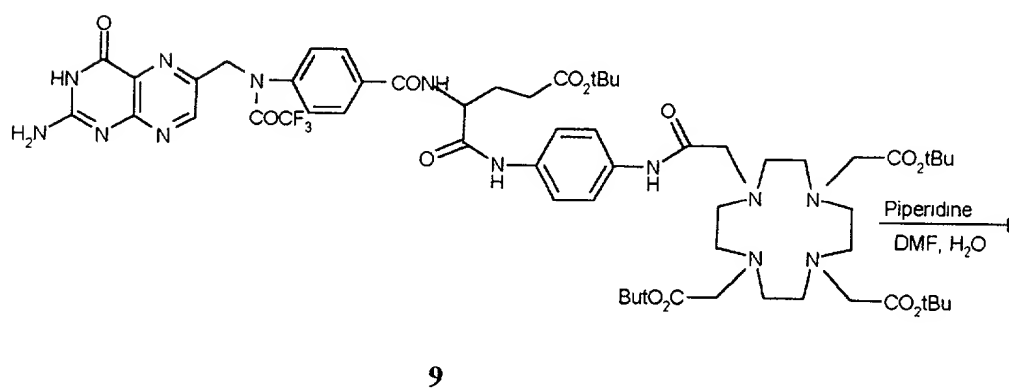
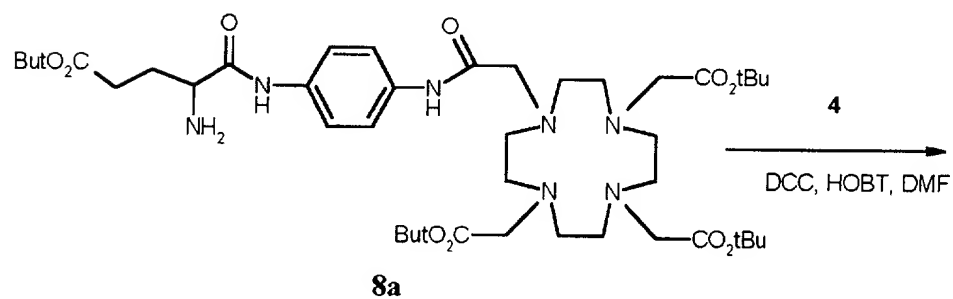
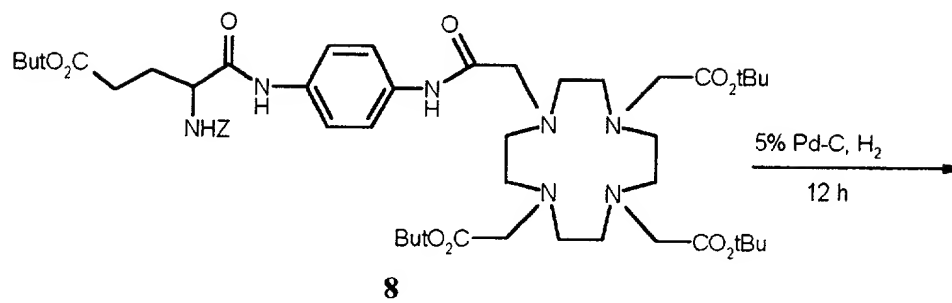
FIGURE 5



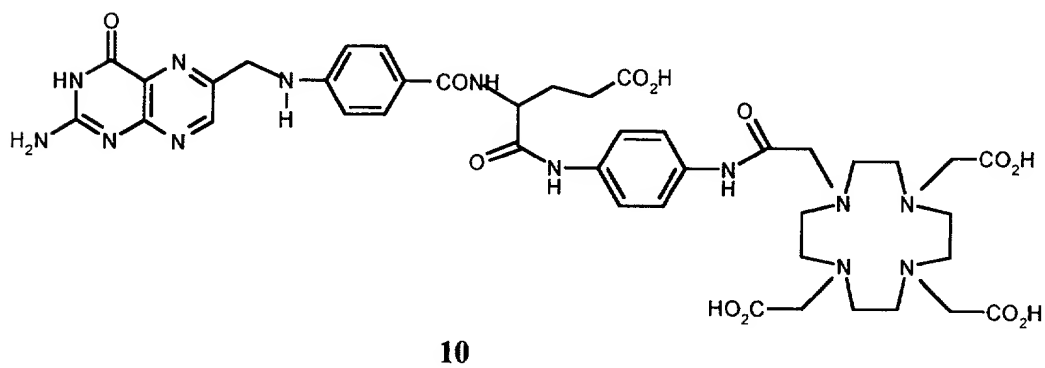
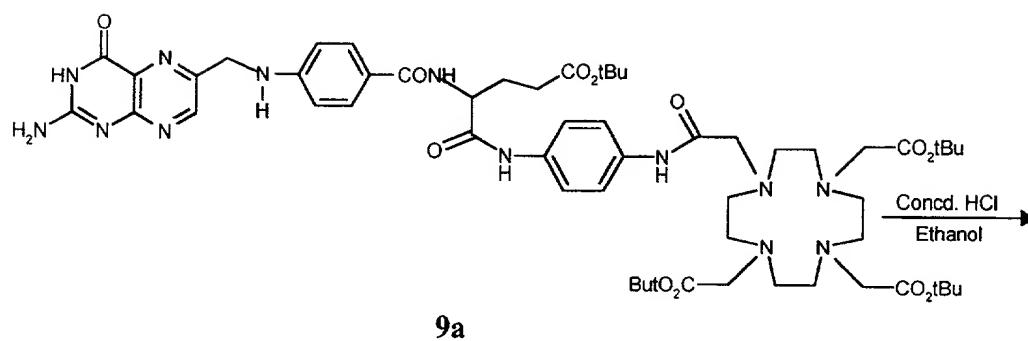
**FIGURE 5A**



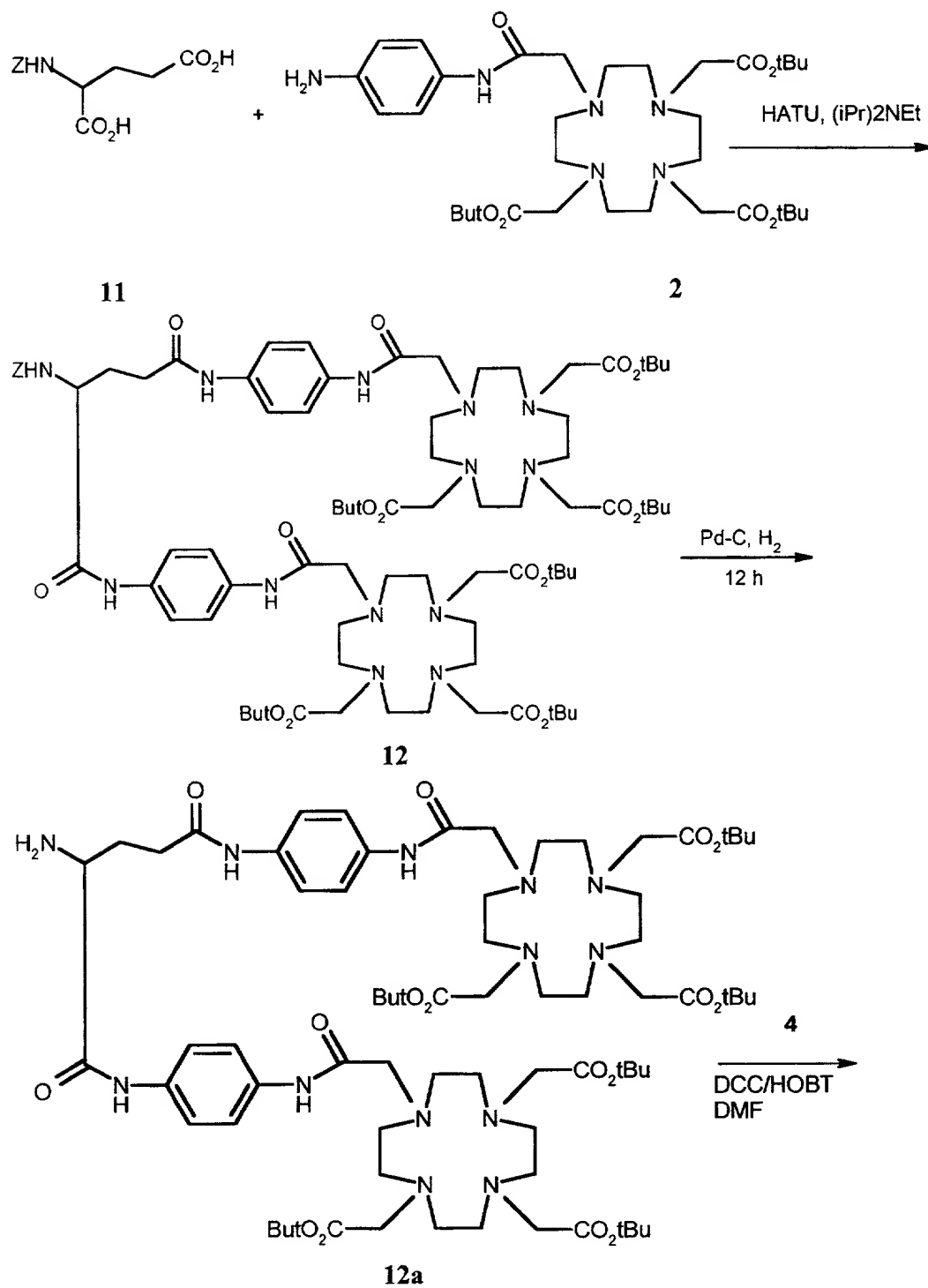
**FIGURE 6**



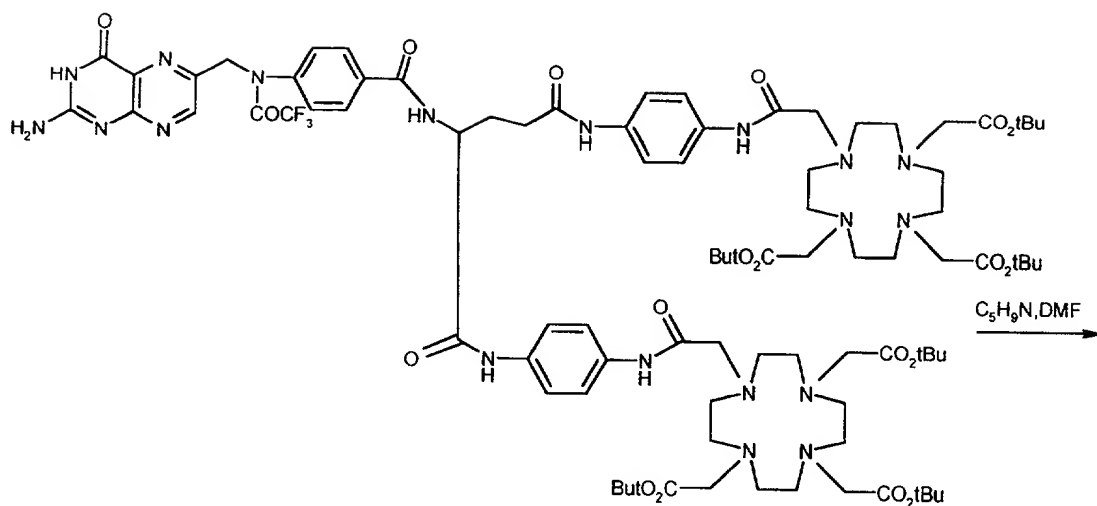
**FIGURE 6A**



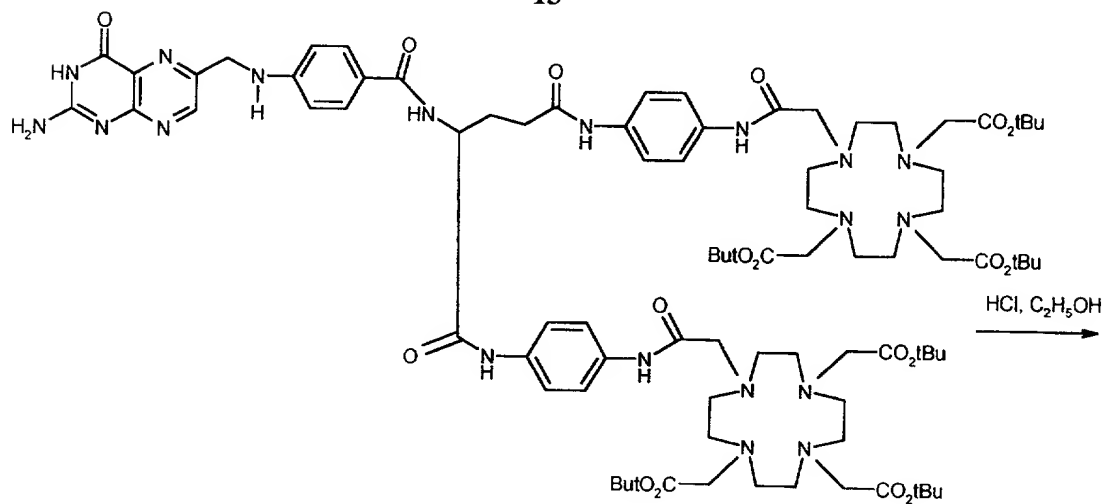
**FIGURE 7**



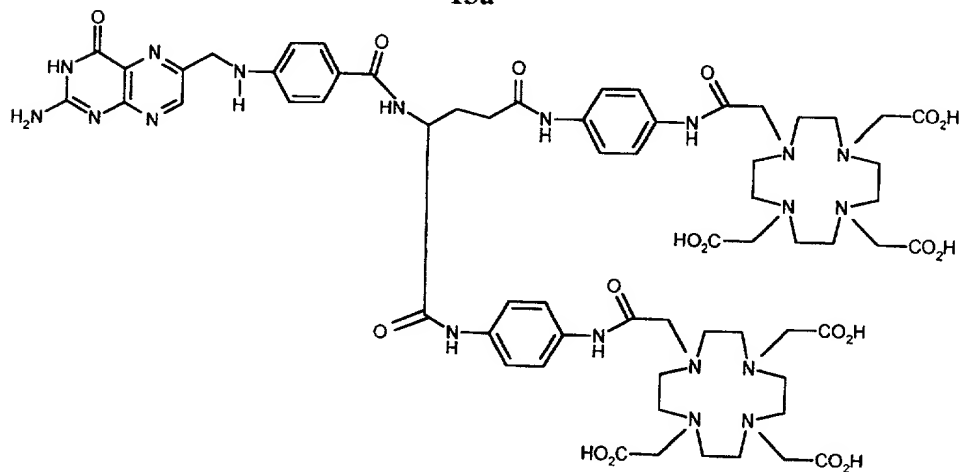
**FIGURE 7A**



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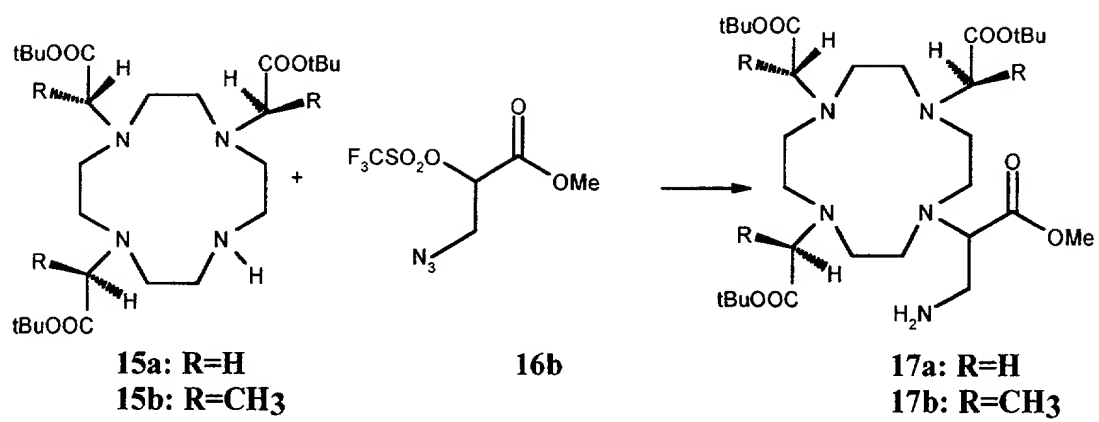


**13a**

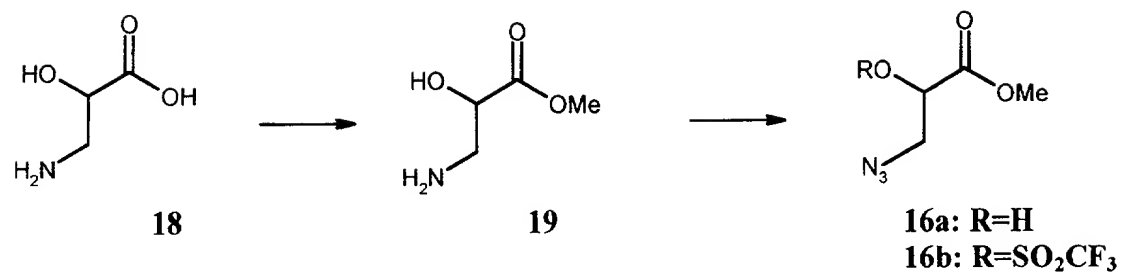


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**FIGURE 8**

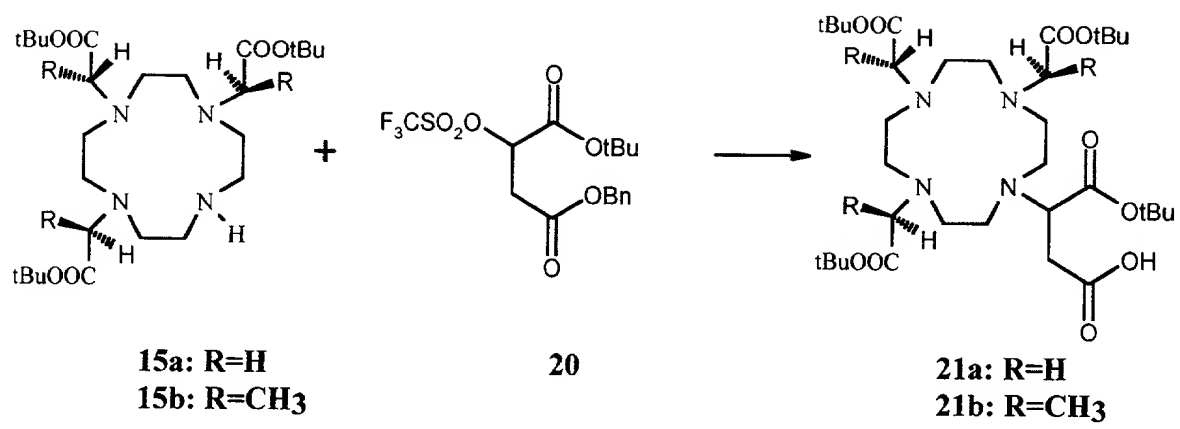


**FIGURE 9**

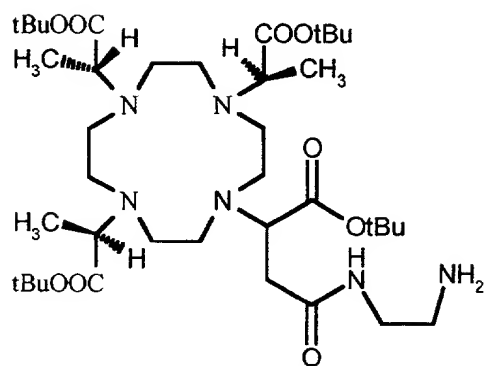
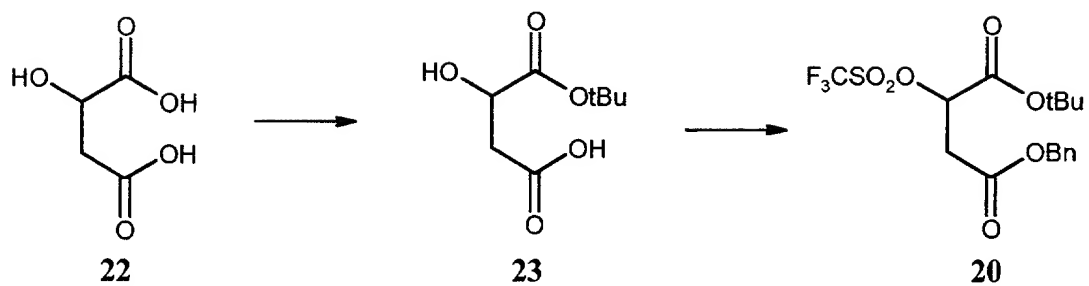




**FIGURE 10**

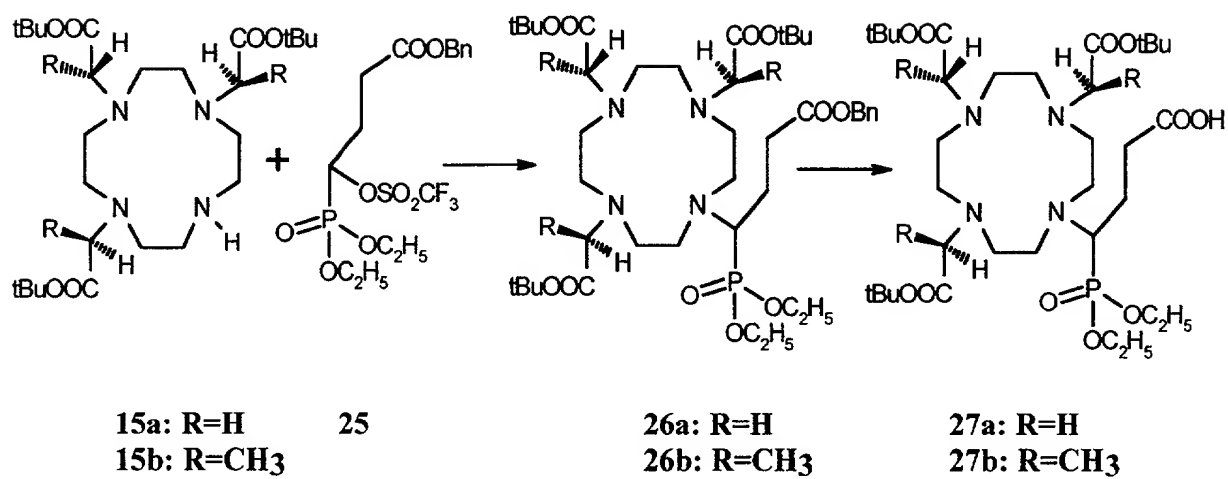


**FIGURE 11**

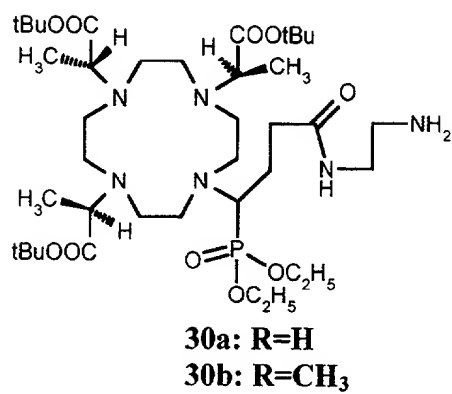
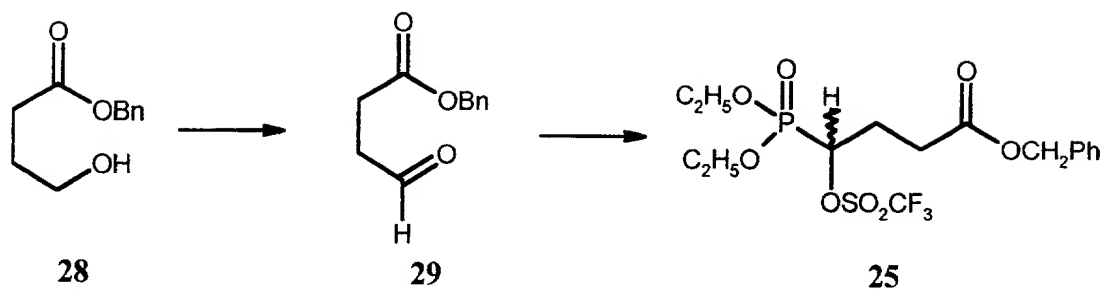


**24a: R=H**  
**24b: R=CH<sub>3</sub>**

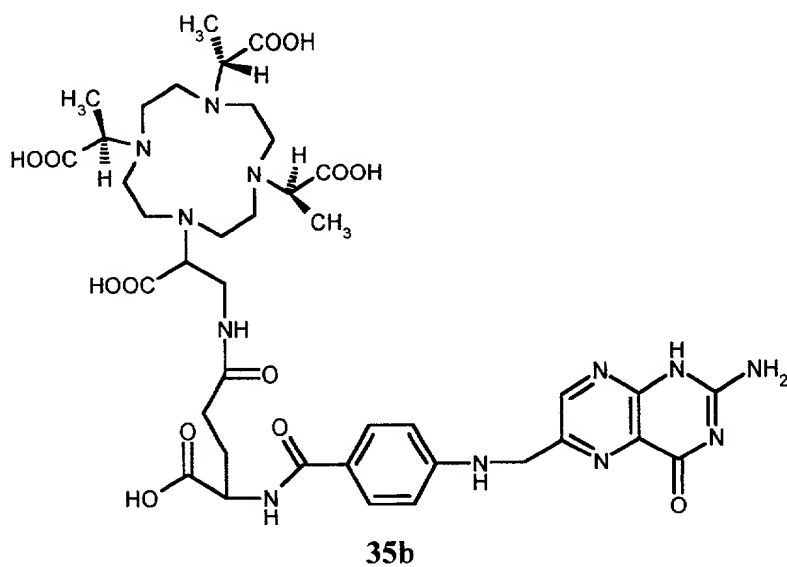
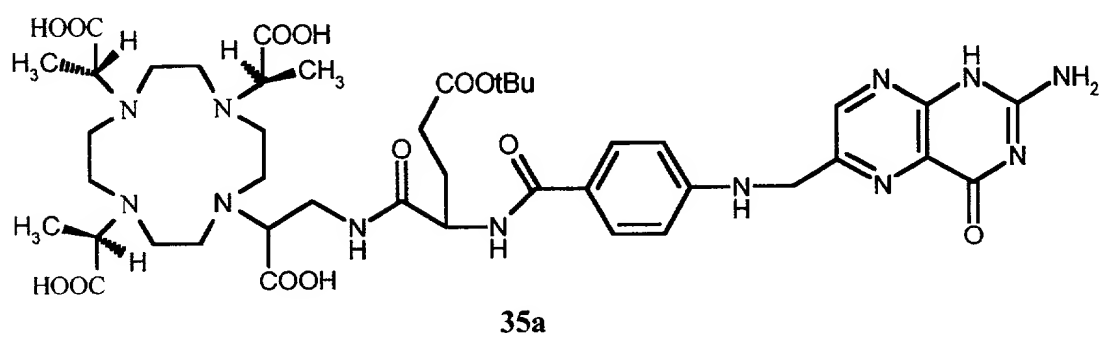
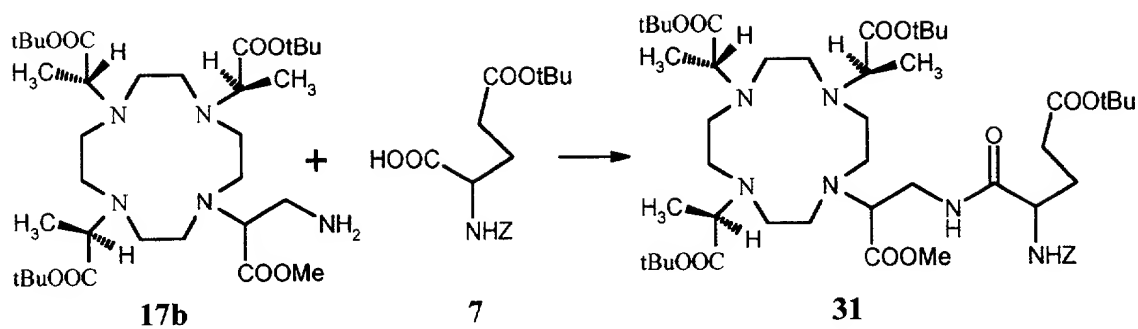
**FIGURE 12**



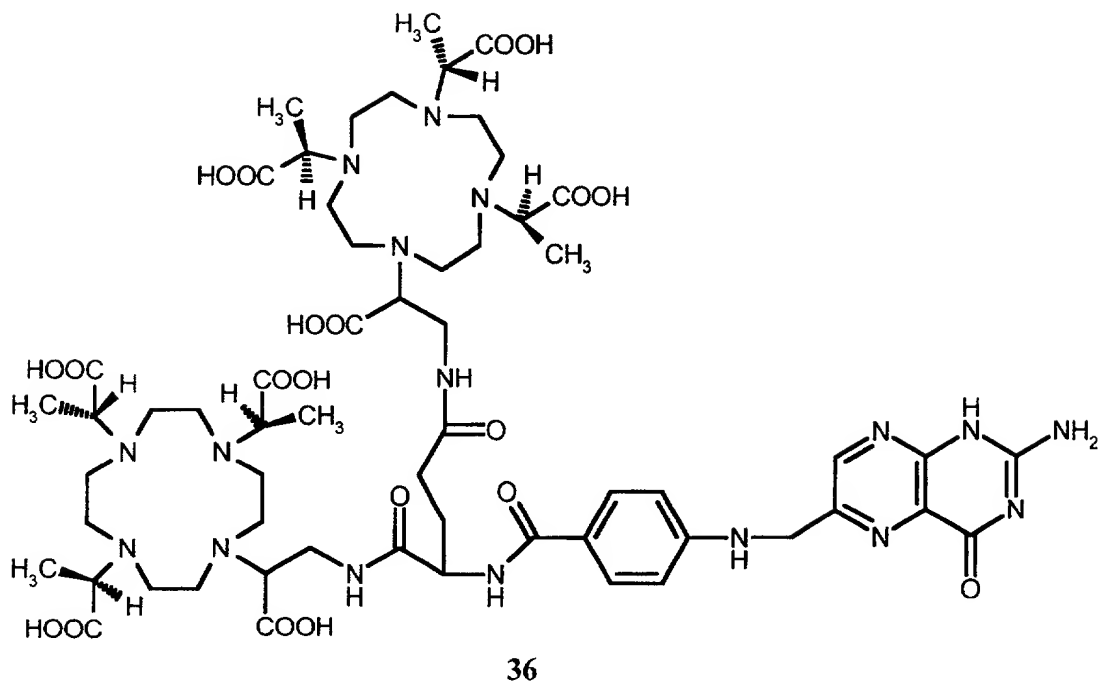
**FIGURE 13**



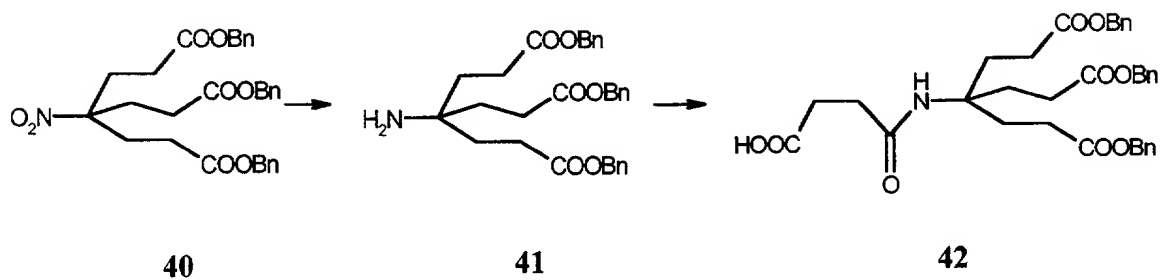
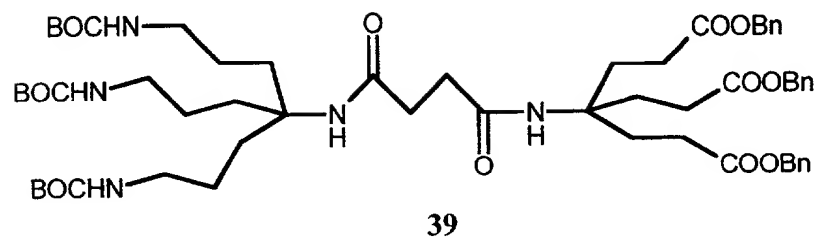
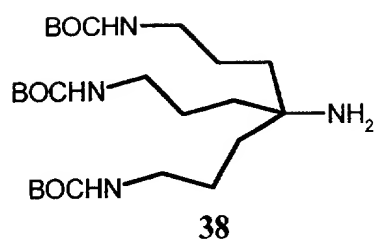
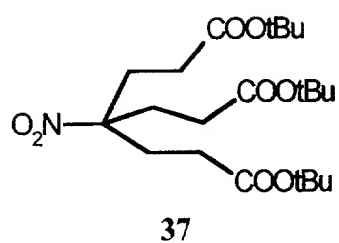
**FIGURE 14**



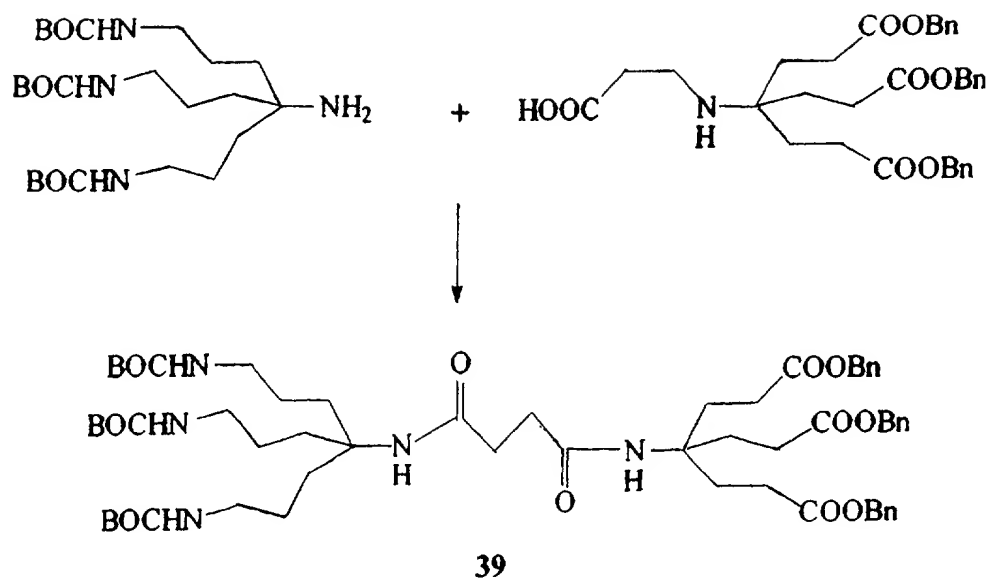
**FIGURE 14A**



**FIGURE 15**

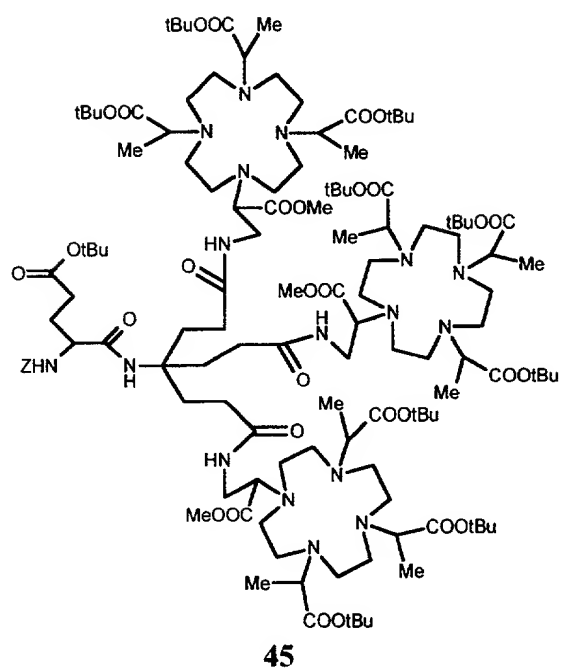
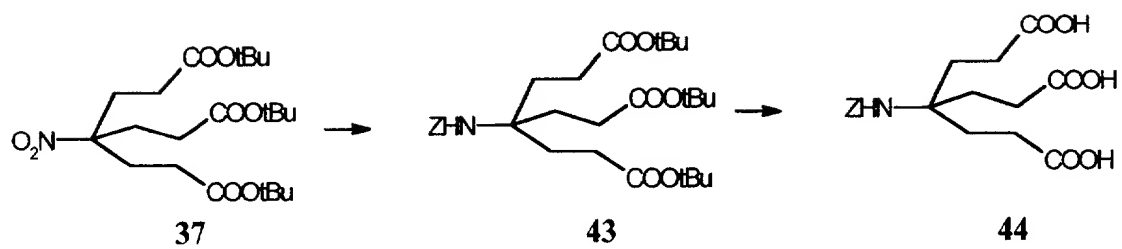


**FIGURE 16**

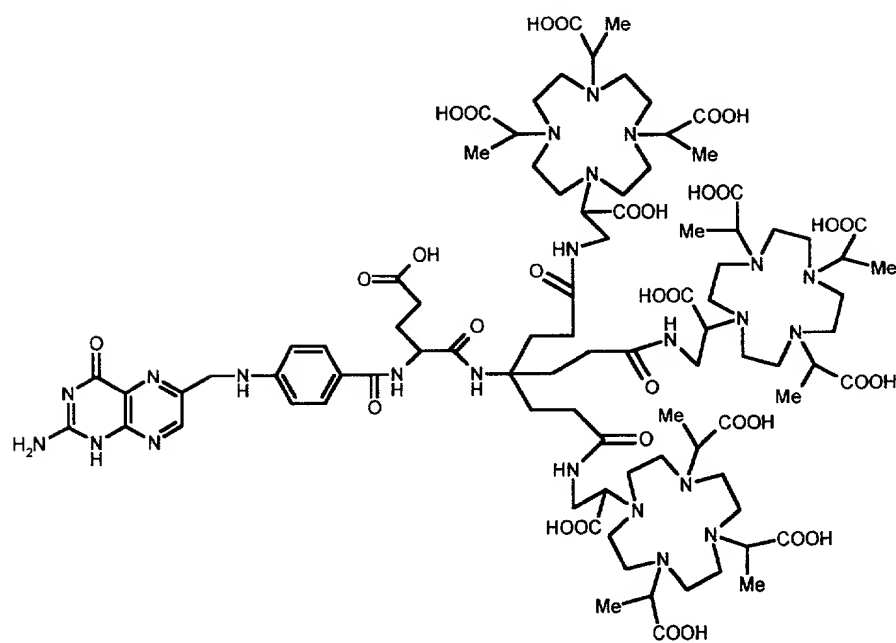




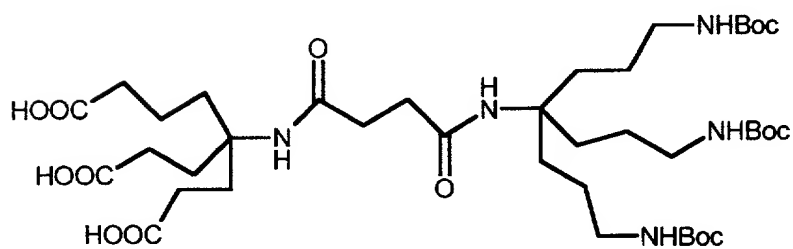
**FIGURE 17**



**FIGURE 17A**

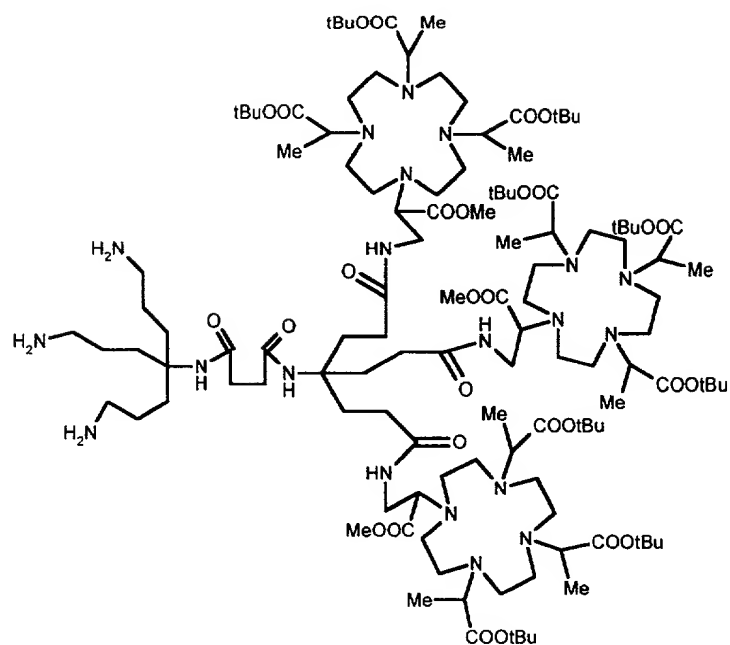


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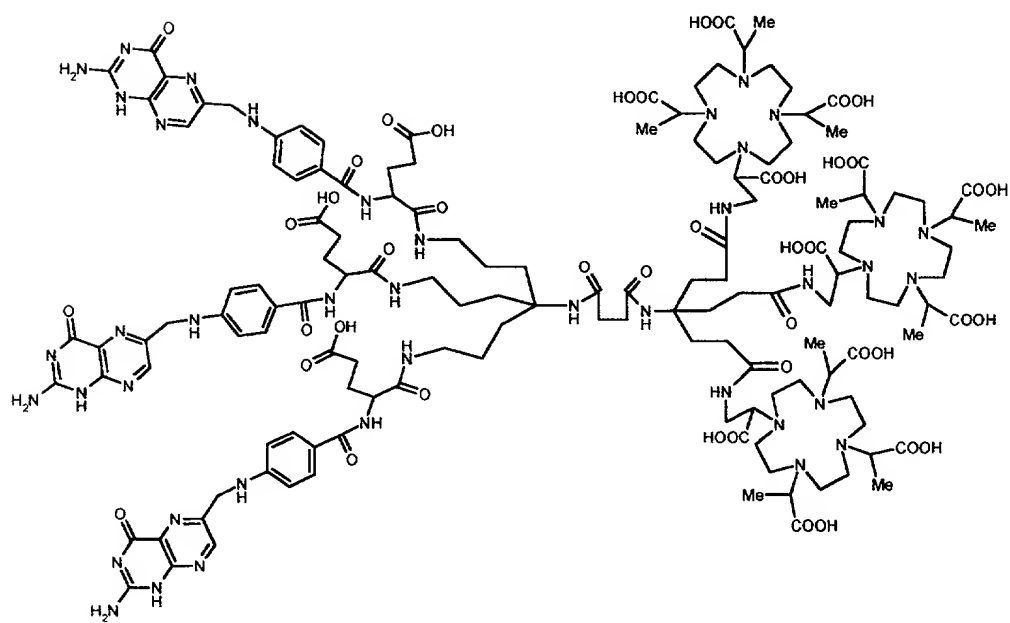


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FIGURE 17B

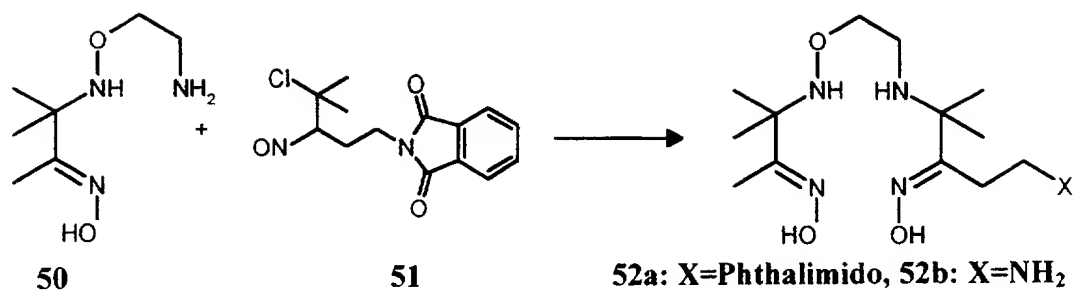


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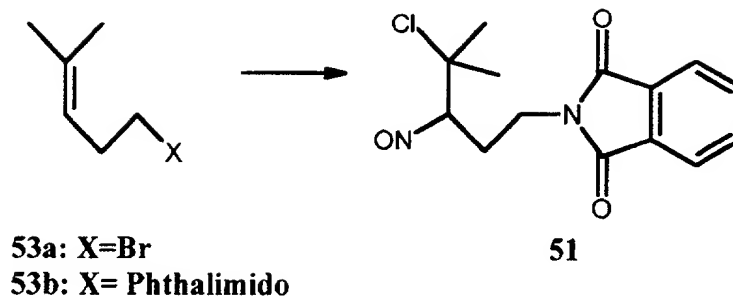


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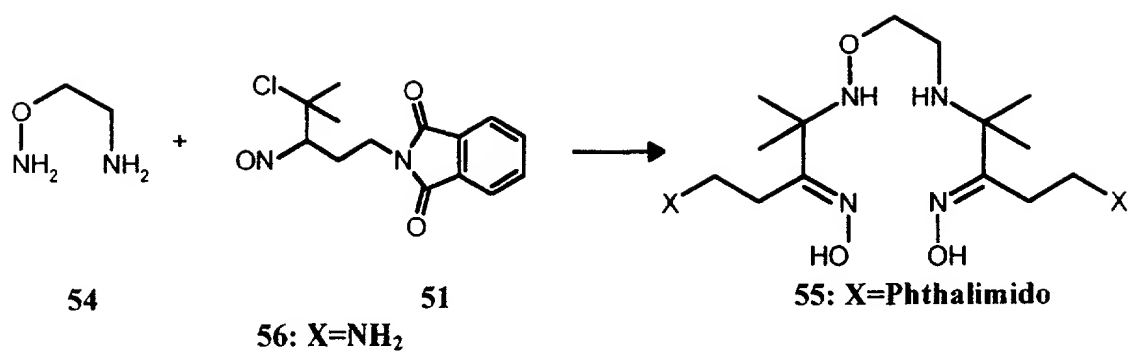
**FIGURE 18**



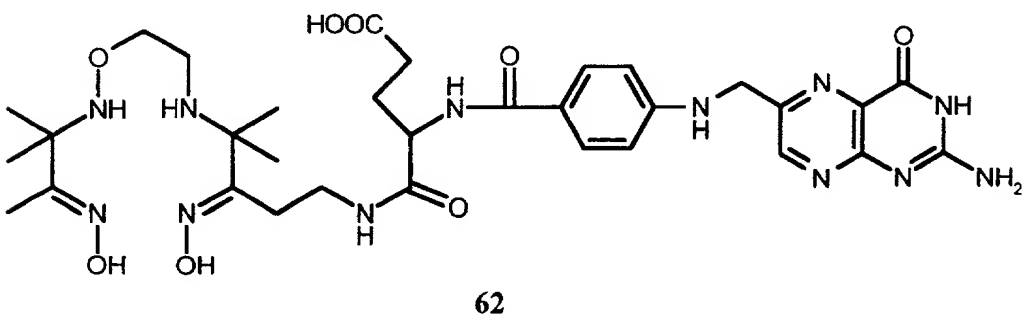
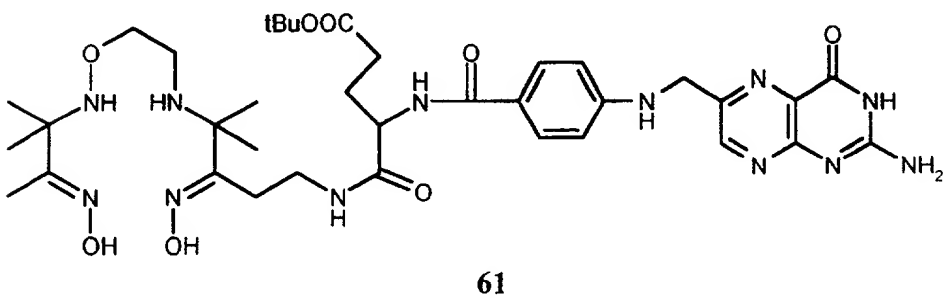
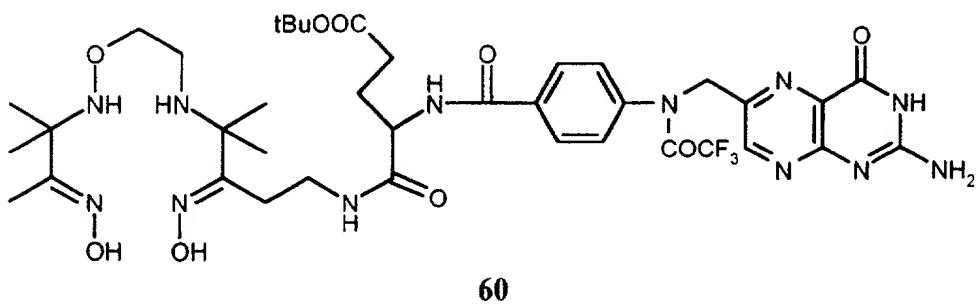
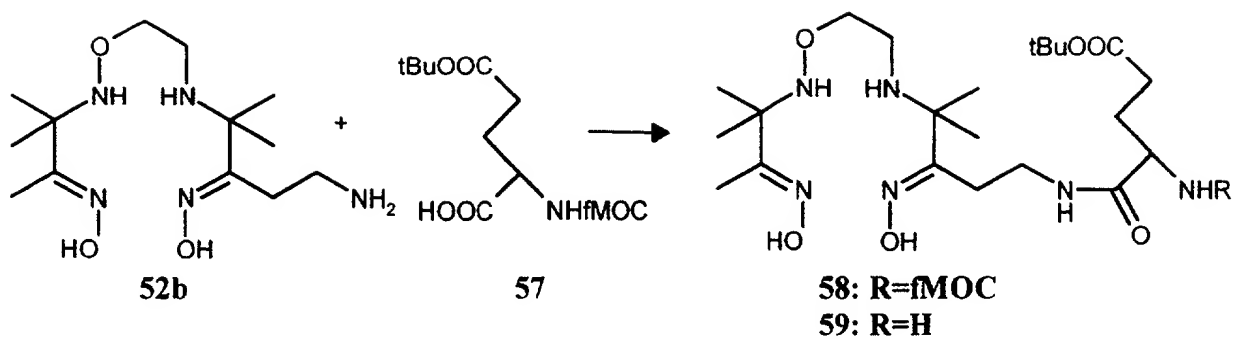
**FIGURE 19**



**FIGURE 20**



**FIGURE 21**



**FIGURE 22**

